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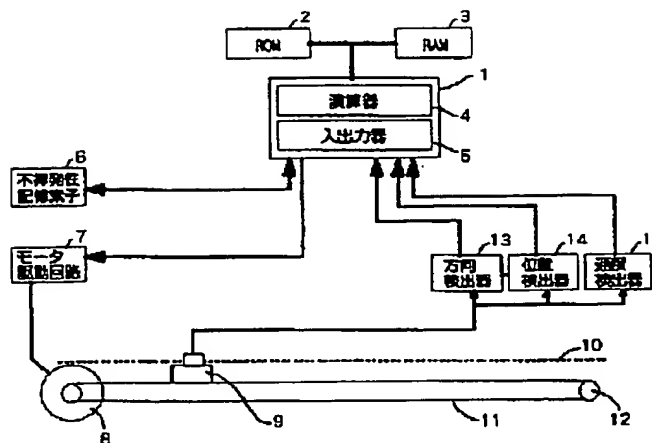
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TITLE : CONTROLLER FOR MOVING OBJECT



ABSTRACT : PROBLEM TO BE SOLVED: To attain the miniaturization of a device and the reduction of noises while avoiding the influence of the dispersion of a braking distance or a secular change when performing the stop control of a moving object such as a carriage on a printer.

SOLUTION: Two phase pulses with a phase shift of 90° are outputted from an encoder 10 with the move of a carriage 9, and corresponding to these pulses, the moving direction, current position and moving speed of the carriage 9 are respectively detected by a direction detector 13, a position detector 14 and a speed detector 15. Based on these detected results, a microcomputer 1 controls a DC motor 8 as a driving source of the carriage 9 through a driving circuit 7 and performs the stop control of the carriage 9. In that case, the microcomputer 1 controls the forward driving, backward driving and braking of the DC motor 8 based on the information of the movable range of the carriage 9 from the detected information of the respective detectors 13-15.

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